

Network types

Network segment, or subnetwork

network

file server

interface card (NIC)

nodes

LAN

Local Area Network (LAN)

topology





LAN topology

AT&T

Facility-Wide Network (or) Campus

Network

LAN

Metropolitan Area Network (MAN)

public

local telephone

local exchange

data network (PDN)

carrier (LEC)

(WAN)

(MAN)

(LAN)

Private branch exchange (PBX)

direct station attachment

connections



. fiber-optic cables / microwave system

Wide Area Network (WAN)

organization's properties

local exchange

long-distance

carriers (LECs)

interexchange carriers (IXCs)

satellites

microwaves

AT&T,)

(ITT, MCI

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dedicated lines

circuit-switched

/

packet-switched services

/

leased lines

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Enterprise Network

(

)



umbrella networks

routers

bridges

) internetwork devices
(gateways

Ethernet -

.CSHA/CD

) :

(thin coaxial cable

unshielded

)

(twisted-pair telephone wiring

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ARCNET -

Attachment Resource Computer

Network

.Datapoint Corporation



segments

. / ,

Token Ring -

IBM

.IEEE ,

/ -

sheilded and unsheilded

node - .twisted-pair cable

Fiber Distributed Data -

Interface

(FDDI)

(FDDI)

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ANSI X T ,

Local Talk -

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